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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/981,635	10/17/2001	David Thompson	BRDC:039	7014
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29395	7590	11/01/2006
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EXAMINER

BILGRAMI, ASGHAR H

ART UNIT

PAPER NUMBER

2143

DATE MAILED: 11/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/981,635

Applicant(s)

THOMPSON ET AL.

Examiner

Asghar Bilgrami

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 August 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 and 7-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3 and 7-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 04/07/2006 has been entered.

Specification

1. Claim 14 is again objected to because of the following informalities: Following spelling errors are corrected by the examiner for examining purposes: on line 3 of claim 14 "representable" is replaced by "represented" and on line 6 of claim 14 "communicatably" is replaced by "communicably". Applicant is again requested to make appropriate corrections.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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3. Claims 1-3 rejected under 35 U.S.C. 102(b) as being anticipated by Jiang et al (U.S. 5,623,603).

4. As per claim 1 Jiang disclosed a communications network for communicating an information comprised of more than one data type, comprising a distinct data type, comprising: a parser for parsing the information to obtain the distinct data type and queue for storing the distinct data type (col.3, lines 7-22).

5. As per claim 2 Jiang disclosed the communications network of claim 1, further comprising a client device communicatively connected to the queue for receiving the information communicated over the network (col.3, lines 7-38).

6. As per claim 3 Jiang disclosed the communications network of claim 2, further comprising a server including the parser and the queue; wherein the server transmits the distinct data type of the queue in accordance with a pre-determined priority with respect to transmission sequence of the information not comprising the distinct data type (col.3, lines 7-38).

Claim Rejections - 35 USC § 103

7. Claims 7-24 rejected under 35 U.S.C. 103(a) as being unpatentable over Lamming et al (U.S. 6,144,997).

8. As per claims 7, 11, 14, 18 & 23 Lamming disclosed a communications network for communicating at least one type of a data (Figure 1 & col.4, lines 1-35), wherein the first type of data is represented by a first token and the second type of data is represented by a second token, comprising: a server device; a tokenization server communicably accessible to the server device; a first data of the first type of data at the server device; a second data of the second type of data at the server device; a dictionary communicably accessible to the tokenization server; wherein the first token and the second token, via the dictionary, are indicative of the first data and the second data, respectively, available to the tokenization server via lookup in the dictionary (col.3, lines 36-67 & col.4, lines 43-66); and a communications device communicably connected to the server device (col.5, lines 30-60); wherein the token server communicates to the server device the first token indicative of the first data (col.4, lines 43-67 & col.5, lines 1-16); wherein the token server communicates to the server device the second token indicative of the second data; and wherein the server device respectively communicates the first token and the second token, but not the first data and not the second data, to the communications device (col.5, lines 30-62).

Although Lamming did not explicitly disclose a lookup table in the dictionary indicative of the data stored in the server. However lamming disclosed a database 14, which associates each electronic document with a document reference, or token. At the time the invention was made it would have been obvious to one in the ordinary skill in the art

to have incorporated the use of database which is indicative of the stored data through the use of reference or token.

9. As per claim 8 Lamming disclosed the method of claim 7, further comprising the steps of: receiving the first token identifier receiving the second token identifier; and converting the first token identifier to obtain the entirety of the second first sequence of data; and converting the second token identifier to obtain the entirety of the second sequence of data (col.4, lines 43-66).

10. As per claim 9 Lamming disclosed the method of claim 7, wherein the method is performed by a server computer communicatively connected to a client computer (col.3, lines 36-67 & col.4, lines 1-66).

11. As per claim 10 Lamming disclosed the method of claim 9, wherein the respective steps of receiving and converting each of the first token identifier and the second token identifier are performed by the client computer (col.4, lines 43-66).

12. As per claim 12 Lamming disclosed the server computer of claim 11, further comprising: a relational database of the defined identifiers(col.4, lines 43-66).

13. As per claim 13 Lamming disclosed the server computer of claim 12, wherein the information is an HTML page including at least the first data sequence and the second

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data sequence, and the respective distinct defined identifiers of the relational database correspond, respectively, to the first data sequence indicative of recurring in the HTML code and to the second data sequence recurring in the HTML code (col.4, lines 43-66).

14. As per claims 15 & 20 Lamming disclosed the communications network of claim 14, further comprising a token converter communicably connected to the communications device, for interpreting the first token, once received by the communications device, as the first data (col.3, lines 36-67 & col.4, lines 43-66).

15. As per claim 16 Lamming disclosed the communications network of claim 15, wherein the token converter is a software of the communications device (col.3, lines 36-67 & col.4, lines 43-66).

16. As per claim 17 Lamming disclosed the communications network of claim 14, wherein the first data is a hyper text mark-up language (col.3, lines 36-67 & col.4, lines 43-66).

17. As per claim 19 Lamming disclosed the method of claim 18, further comprising the step of: communicating the first token, but not the first data, and the second token, but not the second data, over a network to a communications device (col.3, lines 36-67 & col.4, lines 43-66).

18. As per claim 21 Lamming disclosed the method of claim 20, wherein the steps of interpreting are performed via a database of the communications device (col.3, lines 36-67 & col.4, lines 43-66).

19. As per claim 22 Lamming disclosed the method of claim 19, wherein the first data is hyper text mark-up language and the second data is other than hyper text mark-up language (col.3, lines 36-67 & col.4, lines 43-66).

20. As per claim 24 Lamming disclosed the method of claim 23, further comprising the steps of: receiving the plurality of tokens at the client device; and interpreting respective ones of the plurality of tokens token at the client device, such that each respective one is recognized as the unique respective portion of the information tokenized by the respective one, wherein all respective portions of the information for which respective one of the plurality of tokens is so received and interpreted by the client device are presented at the client device (col.3, lines 36-67 & col.4, lines 43-66).

Response to Arguments

21. Applicant's arguments filed 08/15/2005 have been fully considered but they are not persuasive.

22. The applicant argued that Lamming does not include any parsing as described in claim 1.

23. As to applicants argument the examiner has applied a new art that satisfies the parsing. Please see line 2 of this office action.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asghar Bilgrami whose telephone number is 571-272-3907. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3924. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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AB

A handwritten signature in black ink, appearing to read 'Jeffrey PWU', written in a cursive style.

JEFFREY PWU
PRIMARY EXAMINEE